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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas Roehr et al. Art. Unit: 2818
Serial No.: 10/650,458 Examiner:
Filed : August 27, 2003
Title : HIGH DENSITY FLASH MEMORY WITH HIGH SPEED CACHE DATA
INTERFACE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Each enclosed document listed on the herewith Form PTO-1449 was cited in the attached International Search Report dated December 7, 2004, issued in a foreign counterpart application not more than three months ago. To the best knowledge of the undersigned, this is the first citation of these items in any

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 22, 2005
Date of Deposit
Signature
Jennifer H. Payne
Typed or Printed Name of Person Signing Certificate

Applicant : Thomas Roehr et al.
Serial No.: 10/650,458
Filed : August 27, 2003
Page 2 of 2

Attorney's Docket No.:14580-024001

communication from a foreign patent office in a counterpart foreign application.

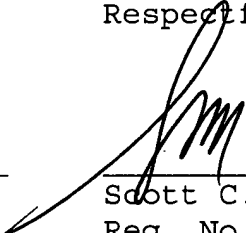
The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: February 22, 2005



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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
14580-024001Application No.
10/650,458**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.98(b))

Applicant
Thomas Roehr et al.Filing Date
August 27, 2003Group Art Unit
2818**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001/0025333	09/2001	Taylor, et al.			
	AB	5,809,515	09/1998	Kaki, et al.			
	AC	6,150,724	11/2000	Wenzel, et al.			
	AD	6,249,841	06/2001	Sikes, et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	0 990 987	04/2000	EPO				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Miller, et al., "HeRMES: High-Performance Reliable MRAM-Enabled Storage", <i>IEEE, Workshop on Hot Topics in Operating Systems</i> , pp. 95-99, May 2001.
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.